ABSTRACT

A method for providing bandwidth fairness in a wireless network includes determining bandwidth requirement for a particular service interval for each of a plurality wireless stations in a network. The method also includes determining an allocated

5   transmission time for each of the plurality of wireless stations based on a minimum physical transmission rate. Additionally the illustrative method includes fragmenting a packet of at least one of the wireless stations if the at least one wireless station transmits at other transmission rates that are less than the minimum physical transmission rate. An apparatus is adapted to effect the illustrative method.

10